25

CLAIMS:

A method of providing a wireless service connection for a mobile
 vehicle comprising:

prioritizing a portion of a system access list based on a channel identifier in a first band;

selecting a secondary channel that is not in the system access list portion in response to a failed connection notification from channels in the system access list portion

Connection notification comprises a rejection of a call origination.

Comprises a rejection of an attempt to register with a carrier.

- The method of claim 1 wherein the portion of the system access list
 corresponds to a geographical area in proximity to the channel identifier.
 - 3. The method of claim 1 wherein the system access list is comprised of a plurality of records corresponding to a plurality of wireless carriers.
- 4. The method of claim 1 wherein the secondary channel corresponds to a secondary contract carrier.
 - 5. The method of claim 1 wherein the secondary channel is in a second band.

6. The method of claim 1 wherein the secondary channel is a non-preferred channel.

20

25

- The method of claim 1 further comprising:
 registering a mobile phone with a contract carrier.
- 5 8. The method of claim 1 further comprising: originating a call request with a contract carrier.
- 9. The method of claim 1 further comprising:
 accessing a contract carrier using a cleared connection number in
 response to a failed connection notification on the secondary channel.
 - 10. The method of claim 1 further comprising:
 switching to an analog band in response to a failed connection
 notification on the secondary channel; and
 accessing a channel in the analog band using a cleared connection
 number.
 - 11. A computer usable medium including a program for providing a wireless service connection for a mobile phone comprising:

computer program code for prioritizing a portion of a system access list based on a channel identifier in a first band;

computer program code for receiving a failed connection notification on a primary channel of the system access list portion; and computer program code for selecting a secondary channel of the system access list portion in response to the failed connection notification on the primary channel.

20

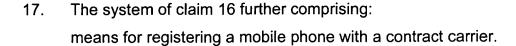
5

carrier.

- 12. The computer usable medium of claim 11 further comprising: computer program code for registering a mobile phone with a contract carrier.
- 13. The computer usable medium of claim 11 further comprising:

 computer program code for originating a call request with a contract
- 10 14. The computer usable medium of claim 11 further comprising:

 computer program code for accessing a contract carrier using a
 cleared connection number in response to a failed connection notification on the
 secondary channel.
 - - 16. A wireless service connection system for providing a wireless service connection for a mobile phone comprising:
 - means for prioritizing a portion of a system access list based on a channel identifier in a first band;
- 25 means for receiving a failed connection notification on a primary channel of the system access list portion; and
 - means for selecting a secondary channel of the system access list portion in response to the failed connection notification on the primary channel.



- 5 18. The system of claim 16 further comprising: means for originating a call request with a contract carrier.
- 19. The system of claim 16 further comprising:
 means for accessing a contract carrier using a cleared connection
 number in response to a failed connection notification on the secondary channel.
 - 20. The system of claim 16 further comprising:

 means for switching to an analog band in response to a failed

 connection notification on the secondary channel; and

 means for accessing a channel in the analog band using a cleared

 connection number.